

Converting Colors

XYZ(69.2484, 71.5090, 76.5853)

Have a look what the booklet for
XYZ(69.2484, 71.5090, 76.5853)
contains.

XYZ(69.0903, 71.3735, 76.4647)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.0903, 71.3735,
76.4647)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DADA
RGB	226, 218, 218
RGB Percent	89%, 85%, 85%
CMY	0.1137, 0.1451, 0.1451
CMYK	0.00, 0.04, 0.04, 0.11
HSL	0°, 12%, 87%
HSV	0°, 4%, 89%
XYZ	69.0903, 71.3735, 76.4647
YIQ	220.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

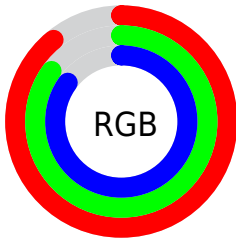
Format	Color
R _Y B	226, 218, 218
Decimal	14867162
CIE Lab	87.67, 2.73, 0.96
CIE LCh	88, 2.897, 19.410
Yxy	71.3735, 0.3185, 0.3290
Android (android.graphics.Color)	4293057242 (0xFFE2DADA)
YUV	220.3920, -1.1793, 4.9182
Hunter-Lab	84.4828, -1.8672, 5.4751

Details

The XYZ color **69.0903, 71.3735, 76.4647** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8372, 74.7880, 82.7071**, and the grayscale version is **68.3087, 71.8660, 78.2621**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5026, 37.4967, 39.9640** is the 20% darker color. If you saturate the color by 10%, you get **60.8687, 59.3442, 60.1145**, and if you desaturate by 10%, it is **78.5176, 85.1669, 95.2080**.

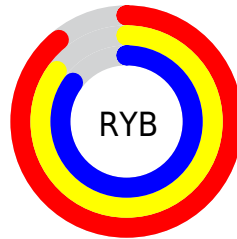
Distribution



Red (89%)

Green (85%)

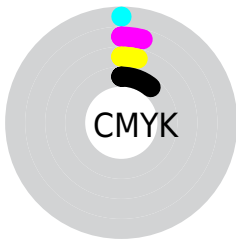
Blue (85%)



Red (89%)

Yellow (85%)

Blue (85%)

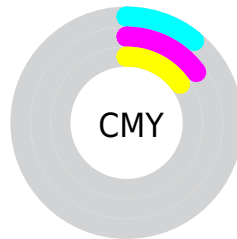


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0903, 71.3735, 76.4647 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 69.0903, 71.3735, 76.4647 by changing the saturation by 10% instead.

■ 69.0903, 71.3735,
76.4647

■ 69.0903, 71.3735,
76.4647

446.6658,
465.3580, 502.3261

■ 51.0622, 52.6471,
56.3047

116.9439,
121.1654, 130.1497

■ 36.4793, 37.5211,
40.0416

147.5001,
152.9996, 164.5117

■ 24.9764, 25.6112,
27.2570

182.9630,
189.9719, 204.4449

■ 16.1881, 16.5330,
17.5322

223.6980,
232.4667, 250.3677

■ 9.7491, 9.9021,
10.4487

270.0704,
280.8683, 302.6987

■ 5.2939, 5.3341,
5.5880

322.4456,

■ 2.4572, 2.4446,

335.5611, 361.8564

2.5315

381.1889,
396.9295, 428.2593

■ 0.8737, 0.8487,
0.8568

■ 0.0000, 0.0000,
0.0000

■ 69.0903, 71.3735,
76.4647

■ 69.0903, 71.3735,
76.4647

■ 60.8687, 59.3442,
60.1145

■ 78.5176, 85.1669,
95.2080

■ 53.7984, 48.9992,
46.0567

■ 85.1744, 94.9089,
108.4378

■ 47.8299, 40.2660,
34.1904

■ 42.9079, 33.0637,
24.4051

■ 38.9718, 27.3041,
16.5810

■ 35.9555, 22.8899,
10.5860

■ 33.7844, 19.7123,
6.2716

■ 32.3722, 17.6451,
3.4665

■ 31.6145, 16.5356,
1.9626

Harmonies

Analogous

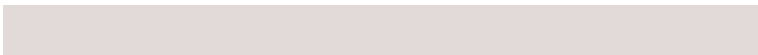
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.1435, 71.3735, 78.4100



69.0903, 71.3735, 76.4647



68.7004, 71.3735, 74.8795

Triad

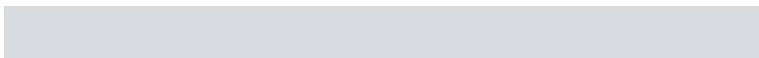
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0903, 71.3735, 76.4647



66.8414, 71.3735, 75.2811



67.5962, 71.3735, 81.4871

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.0903, 71.3735, 76.4647



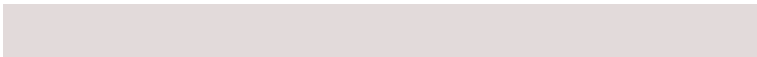
69.8372, 74.7880, 82.7071

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.9836, 71.3735, 80.6183



69.0903, 71.3735, 76.4647



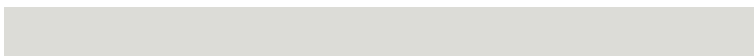
66.5498, 71.3735, 77.0213

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



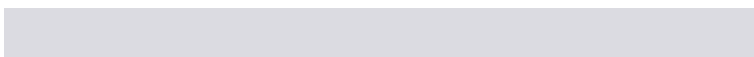
69.0903, 71.3735, 76.4647



67.4009, 71.3735, 74.2042



66.6017, 71.3735, 78.9760



68.2778, 71.3735, 81.3320

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.0903, 71.3735, 76.4647



68.3034, 71.3735, 74.2300



66.6017, 71.3735, 78.9760



67.3755, 71.3735, 81.3045

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.0923, 71.3766, 76.4662



93.8344, 98.2214, 106.4828



70.1639, 71.8036, 82.1138



20.0972, 21.0422, 22.8172



0.0000, 0.0000, 0.0000



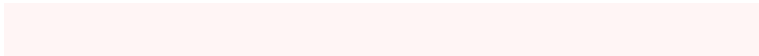
20.3446, 21.4041, 23.3091

Same Dimension

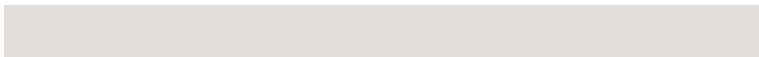
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0923, 71.3766, 76.4662



90.2843, 93.0272, 99.4238



70.1412, 73.4743, 76.8159



14.5552, 14.9415, 15.9139



17.8941, 9.2261, 0.8377



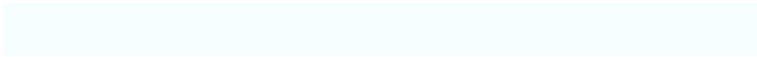
1.2405, 0.6399, 0.0581

Inverse Universe

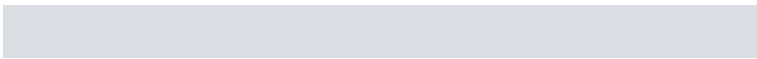
The Inverse Universe completely reimagines the original color for something new.



69.8372, 74.7880, 82.7071



91.3949, 98.1134, 108.7285



68.7632, 72.6400, 82.3491



14.7660, 15.9067, 17.6797



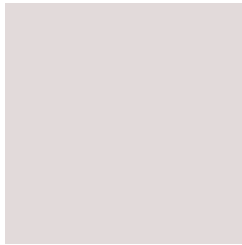
23.3305, 34.1306, 46.4066



1.6173, 2.3661, 3.2167

Previews

White Background



This preview shows how the XYZ color 69.0903, 71.3735, 76.4647 looks on a white background.

Color Contrast Check

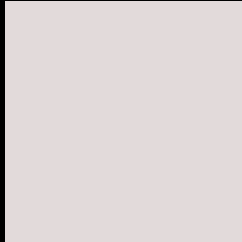
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 69.0903, 71.3735, 76.4647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

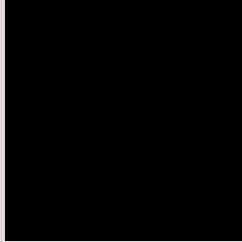
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

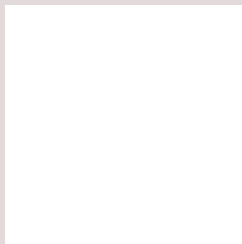
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0903, 71.3735, 76.4647

Background



This preview shows how black text looks on a background with the XYZ color 69.0903, 71.3735, 76.4647.

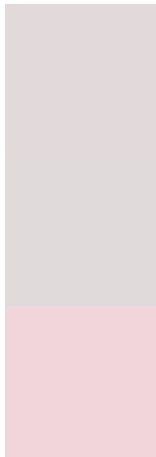


This preview shows how white text looks on a background with the XYZ color 69.0903, 71.3735,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.0903, 71.3735, 76.4647

Protanopia

68.7269, 71.5723, 76.5222

Deuteranopia

72.8561, 71.4037, 76.9602



Tritanopia

71.2588, 71.4889, 87.1338

Trichromacy



Original Color

69.0903, 71.3735, 76.4647

Protanomaly

69.0377, 71.7325, 76.5368

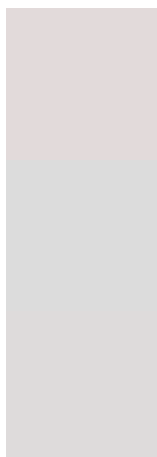
Deuteranomaly

71.6787, 71.5482, 77.0501

Tritanomaly

70.4950, 71.5580, 83.4954

Monochromacy



Original Color

69.0903, 71.3735, 76.4647

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.2419, 71.3071, 77.1847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0903, 71.3735, 76.4647 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(226, 218, 218) looks like.

```
.text, #text, p{  
    color:rgb(226, 218, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 218, 218) }
```

Border

The CSS property to change the border of an element to XYZ 69.0903, 71.3735, 76.4647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 218, 218) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 218, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(226, 218,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0903, 71.3735, 76.4647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 218, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
218, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor